

Title (en)

AN IMPROVED LIGHT COLLIMATION SYSTEM

Title (de)

VERBESSERTES LICHTKOLLIMATIONSSYSTEM

Title (fr)

SYSTÈME DE COLLIMATION DE LUMIÈRE AMÉLIORÉ

Publication

EP 2810121 A1 20141210 (EN)

Application

EP 13714725 A 20130201

Priority

- US 201261593310 P 20120201
- US 2013024441 W 20130201

Abstract (en)

[origin: WO2013116723A1] An improved light collimating system which is particularly useful for generating a collimated beam from high-powered LEDs 31. The system includes an integrator 40 which collects and integrates light from a light source which is then injected as a wide angled beam into a collimator 50 which narrows the light beam.

IPC 8 full level

G02B 27/09 (2006.01); **F21S 8/10** (2006.01); **F21V 8/00** (2006.01); **G03B 21/20** (2006.01)

CPC (source: EP)

F21S 10/007 (2013.01); **G02B 6/0006** (2013.01); **G02B 6/0008** (2013.01); **G02B 19/0028** (2013.01); **G02B 19/0061** (2013.01); **G02B 27/0994** (2013.01); **F21W 2131/406** (2013.01)

Citation (search report)

See references of WO 2013116723A1

Cited by

EP3692403A4; EP4328484A3; EP3961090A1; EP4328484A2; EP3961090B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

US 2013024441 W 20130201; CN 201380018202 A 20130201; EP 13714725 A 20130201